

# Appaloosa Water Company Revised Water Rates Pursuant to Decision No. 73270 Arizona Corporation Commission Effective July 30, 2012

Monthly Usage Charges: 5/8 x 3/4" Meter	\$25.00	Service Line :	and Mete	r Installation	Chames.
¾" Meter	25.00	Service Line and Meter Installation Charges: (Refundable Pursuant to A.A.C. R14-2-405)			
1" Meter	41.67	Meter Size		LineMeter	Total
1-1.2" Meter	83.33	5/8"x3/4" Meter	\$ 445	\$ 155	\$ 600
2" Meter	133.33	3/4" Meter	445	255	700
3" Meter	266.67	1" Meter	495	315	810
4" Meter	416.67	1 1/2" Meter	550	525	1.075
6" Meter	833.33	2"Turbine Meter	830	1,045	1,875
Commodity Rates (Per 1,000 Gallons):		2"Combine Meter	830	1,890	2,720
5/8" x 3/4" Meter and 3/4" Meter		3"Turbine Meter	1,045	1,670	2,715
(Residential, Industrial & Commercial)		3"Combine Meter	1,165	2,545	3,710
1-3,000 gallons 1.95		4"Turbine Meter	1,490	2,670	4,160
3,001-7,000gallons 3.25		4"Combine Meter	1,570	3,645	5,315
Over 7,000gallons 4.45		6"Turbine Meter	2,210	5,025	7,235
1" Meter (Residential, Industrial & Commercia	I)	6"Combine Meter	2,330	6,920	9,250
First 7,000 gallons 3.25			,	,	,
Over 7,000 gallons 4.45					
1-1/2" Meter(Residential, Industrial & Commer	roin!\	C		:0	
First 15,000 gallons	3.25	Service Charges:			
Over 15,000 gallons	4.45	Establishment \$ 25.00 Reconnection (Delinquent) 30.00			
5 to 15,500 ganons	T. T.		onnection or Test (If		30.00 15.00
2" Meter(Residential, Industrial & Commercial)		Dep		Conce	15.00
First 24,000 gallons	3.25	<u> </u>		*	
Over 24,000 gallons	4.45	Re-establishment(Within 12 Months) **		onthe) **	
, 5			Check	***Idilli 12 IVI	20.00
3"Meter(Residential, Industrial & Commercial)		Deferred Payment (Per Month) 1.5%			
First 48,000 gallons	3.25	Meter Re-read (If Correct) \$ 15.00			
Over 48,000 gallons	4.45		Payment		1.5%
-				ice Charge	50.00
4"Meter(Residential, Industrial & Commercial)		Monthly Servi			
First 75,000 gallons	3.25	•			
Over 75,000 gallons	4.45	* Per Commiss	ion Rule A	A.A.C. R14-2	-403(B)
CHARLE OF THE STATE OF THE STAT		** Number of mo	nths off sy	stem times f	he monthly
6" Meter(Residential, Industrial&Commercial)		Commission Rule A.A.C. R14-2-403(D)			
First 150,000 galllons	3.25	***2.0 % of Monthly Minimum for a comparable sized			
Over 150,000 gallons	4.45	meter connection, but no less than \$10 per month.			
		The service char			
		applicable for se			d distinct
		From the primar	y water se	ervice line.	



Docket No. W-03443A-10-0143 & W-03443A-11-0040

Company: Appaloosa Water Company

Phone: 928-237-6128

Effective Date:

# WATER SYSTEM TAMPERING TARIFF - BMP 5.2

#### **PURPOSE**

The purpose of this tariff is to promote the conservation of groundwater by enabling the Company to bring an action for damages or to enjoin any activity against a person who tampers with the water system.

#### REQUIREMENTS:

The requirements of this tariff are governed by Rules of the Arizona Corporation Commission, specifically Arizona Administrative Code ("AAC") R14-2-410 and the Arizona Department of Water Resources' Required Public Education Program and Best Management Practices in the Modified Non-Per Capita Conservation Program.

- 1. In support of the Company's water conservation goals, the Company may bring an action for damages or to enjoin any activity against a person who: (1) makes a connection or reconnection with property owned or used by the Company to provide utility service without the Company's authorization or consent; (2) prevents a Company meter or other device used to determine the charge for utility services from accurately performing its measuring function; (3) tampers with property owned or used by the Company; or (4) uses or receives the Company's services without the authorization or consent of the Company and knows or has reason to know of the unlawful diversion, tampering or connection. If the Company's action is successful, the Company may recover as damages three times the amount of actual damages.
- 2. Compliance with the provisions of this tariff will be a condition of service.
- 3. The Company shall provide to all its customers, upon request, a complete copy of this tariff and AAC R14-2-410. The customers shall follow and abide by this tariff.
- 4. If a customer is connected to the Company water system and the Company discovers that the customer has taken any of the actions listed in No. 1 above, the Company may terminate service per AAC R14-2-410.

5. If a customer believes he/she has been disconnected in error, the customer may contact the Commission's Consumer Services Section at 1-800-222-7008 to infliate an investigation. Ш

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AZ CORP COMM Director - Utilities

APPROVED FOR FILING

DECISION #:75084

Revised: 5-26-11

ORIGINAL

Company: Appaloosa Water Company

Docket No. W-03443A-10-0143 & W-03443A-11-0040

Phone: 928-237-6128

Effective Date:

# Meter Repair and/or Replacement Tariff - BMP 4.2

#### **PURPOSE**

A program for the Company to systematically assess all in-service water meters (including Company production meters) in its water service area to identify under-registering meters for repair or replacement (Modified Non-Per Capita Conservation Program Best Management Practice Category 4: Physical System Evaluation and Improvement 4.2 Meter Repair and/or Replacement Program).

#### **REOUIREMENTS**

The requirements of this tariff are governed by Rules of the Arizona Corporation Commission and were adapted from the Arizona Department of Water Resources' Required Public Education Program and Best Management Practices in the Modified Non-Per Capita Conservation Program.

- On a systematic basis, the Company will inspect 100 percent of its 1-inch and smaller inservice water meters at least once every ten years for one of the following reasons (whichever occurs first):
  - a. A meter reading complaint is filed with the Company by a customer or Arizona Corporation Commission Staff,
  - b. A meter has registered 1,000,000 gallons of usage,
  - c. A meter has been in service for ten years.
- 2. Meters larger than 1-inch shall be inspected for one of the following reasons:
  - a. A meter reading complaint is filed with the Company by a customer or Arizona Corporation Commission Staff,
  - b. A meter has been in service for five years.
- 3. The inspection will be accomplished by having the meter pulled and having a Company Technician physically inspect each meter and its fittings for leaks, registers which may have become loose or are not properly attached to the meter and could be underregistering or other broken parts which need repair. In addition, meters shall be randomly selected for flow testing to identify potentially under-registering meters.
- 4. The Company shall also replace or reprogram any water meters that do not register in gallons. Upon the effective date of this tariff, the Company shall install all replacement meters with new:
  - a. 1-inch and smaller meters that register in 1 gallon increments,
  - b. 1-1/2-inch through 4-inch meters that register in 10 gallon increments, and
  - c. 6-inch and larger meters that register in 100 gallon increments.
- 5. The Company shall keep records of all inspected and replacement meters and make this information available to the Commission upon request.

APPROVED FOR FILING
DECISION #:75084

Revised: 8-24-11

Docket No. W-03443A-10-0143 & W-03443A-11-0040

Phone: 928-237-6128

**Effective Date:** 

- 7. The inspection will be accomplished by having the meter pulled and having a Company Technician physically inspect each meter and its fittings for leaks, registers which may have become loose or are not properly attached to the meter and could be underregistering or other broken parts which need repair. In addition, meters shall be randomly selected for flow testing to identify potentially under-registering meters.
- 8. The Company shall conduct a water audit annually which includes the following steps to determine how efficient each water system is operating and where the losses might be.
  - a. Use coordinated monthly source and service meter readings to calculate how much water enters and leaves the system during the 12 month review period.
  - b. Track and estimate any unmetered authorized uses.
  - c. Calculate the total amount of leakage using the following formula:

Unaccounted for water (%) = [(Production and/or purchased water minus metered use & estimated authorized un-metered use) / (Production and/or purchased water)]  $\times$  100

- d. Authorized un-metered uses may include firefighting, main flushing, process water for water treatment plants, etc. Water losses include all water that is not identified as authorized metered water use or authorized un-metered use.
- e. Determine possible reasons for leakage, including physical leaks and unauthorized uses.
- f. Analyze results to determine the improvements needed, such as, better accounting practices, leak survey or replacing old distribution pipes.
- The Company shall keep accurate and detailed records concerning its annual water audit results. These records shall be made available to the Commission upon request.

APPROVED FOR FILING
Decision No. S1075084 15084

Docket No. W-03443A-10-0143 & W-03443A-11-0040

Phone: <u>928-237-6128</u>

Effective Date:

## Leak Detection Program Tariff - BMP 4.1

#### **PURPOSE**

A program for the Company to systematically evaluate its water distribution system to identify and repair leaks (Modified Non-Per Capita Conservation Program Best Management Practice Category 4: Physical System Evaluation and Improvement 4.1 Leak Detection Program).

#### REQUIREMENTS

The requirements of this tariff are governed by Rules of the Arizona Corporation Commission and were adapted from the Arizona Department of Water Resources' Required Public Education Program and Best Management Practices in the Modified Non-Per Capita Conservation Program.

- 1. The Company shall implement a comprehensive leak detection and repair program to attain and maintain a less than 10 percent unaccounted for water loss in its system(s). The program must include auditing procedures, in-field leak detection and repair efforts. The Company shall take whatever steps are necessary to ensure that its water system is operating at optimal efficiency.
- 2. On a systematic basis, at least every two years (annually for smaller systems), the Company shall inspect its water distribution system (to include hydrants, valves, tanks, pumps, etc. in the distribution system) to identify and repair leaks. Detection shall be followed by repair or in some cases replacement. Repair vs. replacement will depend upon site-specific leakage rates and costs.
- 3. Leak Detection efforts should focus on the portion of the distribution system with the greatest expected problems, including:
  - a. areas with a history of excessive leak and break rates;
  - b. areas where leaks and breaks can result in the heaviest property damage;
  - c. areas where system pressure is high;
  - d. areas exposed to stray current and traffic vibration;
  - e. areas near stream crossings; and,
  - f. areas where loads on pipe may exceed design loads.
- 4. The Company shall keep accurate and detailed records concerning its leak detection and repair/rehabilitation program and the associated costs. Records of repairs shall include: possible causes of the leak; estimated amount of water lost; and date of repair. These records shall be made available to the Commission upon request.
- 5. The Company shall maintain a complete set of updated distribution system maps.
- 6. The Company shall ensure that properly functioning (accurate) and appropriately sized meters are installed on all service and source connections. All meters 1-inch and smaller shall be inspected at least once every ten years or upon registering 1,000,000 gallons of usage, whichever comes first. Meters larger than 1-inch shall be inspected at least once every five years or upon registering 1,000,000 gallons of usage, whichever comes first.

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Effective Date:

part of the water audit the Company shall confirm the accuracy of the customer meter if requested to do so by the customer (applicable meter testing fees shall apply).

9. The type of notification, the timing of the notification (i.e., how long after high water use was discovered by the Company), and the criteria used for determining which customers are notified shall be recorded and made available to the Commission upon request.

APPROVED FOR FILING
DECISION #:75084

Revised 4-15-10

Docket No. W-03443A-10-0143 & W-03443A-11-0040

Phone: 928-237-6128

Effective Date: July 30, 2012

# <u>Customer High Water Use Notification Tariff – BMP 3.7</u>

#### **PURPOSE**

A program for the Company to monitor and notify customers when water use seems to be abnormally high and provide information that could benefit those customers and promote water conservation (Modified Non-Per Capita Conservation Program BMP Category 3: Outreach Services Program 3.7: Customer High Water Use Notification).

#### REQUIREMENTS

The requirements of this tariff are governed by Rules of the Arizona Corporation Commission and were adapted from the Arizona Department of Water Resources' Required Public Education Program and Best Management Practices in the Modified Non-Per Capita Conservation Program.

- 1. The Company shall track water usage for each customer and notify the customer if water use seems excessive for that particular billing for that time of the year.
- 2. The Company shall identify customers with high consumption and investigate each instance to determine the possible cause.
- 3. The Company shall contact the high water use customers via telephone, email, by mail or in person. The Company shall contact the customer as soon as practical in order to minimize the possible loss of water. The customer will not be required to do anything to receive this notification.
- 4. In the notification the Company shall explain some of the most common water usage problems and common solutions and points of contact for dealing with the issues.
- 5. In the notification, the customer will be reminded of at least the following water-saving precautions:
  - a. Check for leaks, running toilets, or valves or flappers that need to be replaced.
  - b. Check landscape watering system valves periodically for leaks and keep sprinkler heads in good shape.
  - c. Adjust sprinklers so only the vegetation is watered and not the house, sidewalk, or street, etc.
  - d. Continue water conservation efforts with any pools such as installing covers on pools and spas and checking for leaks around pumps.
- 6. In the notification, the customer will also be reminded of at least the following ordinary life events that can cause a spike in water usage:
  - a. More people in the home than usual taking baths and showers.
  - b. Doing more loads of laundry than usual.
  - c. Doing a landscape project or starting a new lawn.
  - d. Washing vehicles more often than usual,
- 7. The Company shall provide water conservation information that could benefit the customer, such as, but not limited to, audit programs, publications, and rebate programs.
- 8. The Company shall assist the customer in a self-water audit and assist the customer in determining what might be causing the high water usage as well as supply customer with information regarding water conservation and landscape watering guidelines. As

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Phone: 928-237-6128

Effective Date:

# Residential Audit Program Tariff - BMP 3.1

#### **PURPOSE**

A program for the Company to promote water conservation by providing customers with information on performing water audits to determine conservation opportunities at their residence (Modified Non-Per Capita Conservation Program BMP Category 3: Outreach Services 3.1: Residential Audit Program).

#### **REQUIREMENTS**

The requirements of this tariff are governed by Rules of the Arizona Corporation Commission and were adapted from the Arizona Department of Water Resources' Required Public Education Program and Best Management Practices in the Modified Non-Per Capita Conservation Program.

- 1. The Company shall offer self-audit information.
- 2. The Company or designated representative shall provide all customers that request them with a self-audit kit.
- 3. The kit shall include detailed instructions and tools for completing the water audit including information on how to check their water meter. The audit kit shall include but not be limited to information on checking the following components: irrigation system, pool, water features, toilets, faucets and shower.
- 4. If requested, the Company shall assist the customer in a self-water audit and assist the customer in determining what might be causing high water usage as well as supply customer with information regarding water conservation and landscape watering guidelines. As part of the water audit, and if requested to do so by the customer, the Company shall confirm the accuracy of the customer meter (applicable meter testing fees shall apply).
- 5. The Company shall keep a record of the following information and make it available upon request.
  - a. A description of the water conservation material provided in the kit.
  - b. The number of kits provided to customers.
  - c. Implementation costs of the Residential Audit Program.

APPROVED FOR FILING DECISION #: 15084

Revised 10-4-10

## CROSS-CONNECTION OR BACKFLOW TARIFF

PURPOSE:
The purpose of this tariff is to protect APAWOSA WATER  COMPANY ("Company") water from the possibility of contamination caused by the backflow of contaminants that may be present on the customer's premises by requiring the installation and periodic testing of backflow-prevention assemblies pursuant to the provisions of the Arizona Administrative Code ("A.A.C".) R14-2-405.B.6 and A.A.C. R18-4-115.
REQUIREMENTS:
In compliance with the Rules of the Arizona Corporation Commission ("Commission") and the Arizona Department of Environmental Quality ("ADEQ"), specifically A.A.C. R14-2-405.B.6 and A.A.C. R18-4-115 relating to backflow prevention:
<ol> <li>The Company may require a customer to pay for and to have installed a backflow- prevention assembly if A.A.C. R18-4-115.B or C applies.</li> </ol>
<ol> <li>A backflow-prevention assembly required to be installed by the customer under Paragraph 1 of this tariff shall comply with the requirements set forth in A.A.C. R18-4-115.D and E.</li> </ol>

- 3. Subject to the provisions of A.A.C. R14-2-407 and 410, and in accordance with Paragraphs 1 and 7 of this tariff, the Company may terminate service or may deny service to a customer who fails to install a backflow-prevention assembly as required by this tariff
- 4. The Company shall give any existing customer who is required to install a backflow-prevention assembly written notice of said requirement. If A.A.C. R14-2-410.B.1.a. is not applicable, the customer shall be given thirty (30) days from the time such written notice is received in which to comply with this notice. If the customer can show good cause as to why he cannot install the device within thirty (30) days, the Company or Commission Staff may suspend this requirement for a reasonable period of time.

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Effective Date: August 6, 2009

APPROVED FOR FILING DECISION #: 7/230

Company Name: NPALOUSA WATER COM NY Page 2 of 2

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- 5. Testing shall be in conformance with the requirements of A.A.C. R18-4-115.F. The Company may require the customer to pay to have the backflow-prevention assembly tested as long as the Company does not require an unreasonable number of tests.
- 6. The customer shall provide the Company with records of installation and testing. For each backflow-prevention assembly, these records shall include:
  - a. assembly identification number and description;
  - b. location
  - c. date(s) of test(s);
  - d. description of repairs and recommendations for repairs made by tester; and
  - e. the tester's name and certificate number.
- 7. In the event the backflow-prevention assembly does not function properly or fails any test, and an obvious hazard as contemplated under A.A.C. R14-2-410.B.1.a. exists, the Company may terminate service immediately and without notice. The backflow-prevention assembly shall be repaired or replaced by the customer and retested.
- 8. In the event the backflow-prevention assembly does not function properly or fails any test, or in the event that a customer fails to comply with the testing requirement, and A.A.C. R14-2-410.B.l.a. is **not** applicable, the backflow-prevention assembly shall be repaired or replaced within fourteen (14) days of the initial discovery of the deficiency in the assembly or its function. Failure to remedy the deficiency or dysfunction of the assembly, or failure to retest, shall be grounds for termination of water service in accordance with A.A.C. R14-2-410.

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Effective Date: August Le, 2009

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DECISION #: 123

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Utility: Water  Docket No.: W-03443-A  Phone No.: 928-237-6128	Tariff Sheet No.: Decision No.: Effective:	1 of 4 5 · 1/3 · Ole	
CURTAILMENT PLAN FOR (Template	e 063004)		

Appal 0050 Water ("Company"), is authorized to curtail water service to all customers within its certificated area under the terms and conditions listed in this tariff.

ADEQ Public Water System No: 13208

This curtailment plan shall become part of the Arizona Department of Environmental Quality Emergency Operations Plan for the Company.

The Company shall notify its customers of this new tariff as part of its next regularly scheduled billing after the effective date of the tariff or no later than sixty (60) days after the effective date of the tariff.

The Company shall provide a copy of the curtailment tariff to any customer, upon request.

#### **Stage 1 Exists When:**

Company is able to maintain water storage in the system at 100 percent of capacity and there are no known problems with its well production or water storage in the system.

<u>Restrictions</u>: Under Stage 1, Company is deemed to be operating normally and no curtailment is necessary.

Notice Requirements: Under Stage 1, no notice is necessary.

#### Stage 2 Exists When:

- a. Company's water storage or well production has been less than 80 percent of capacity for at least 48 consecutive hours, and
- b. Company has identified issues such as a steadily declining water table, increased draw down threatening pump operations, or poor water production, creating a reasonable belief the Company will be unable to meet anticipated water demand on a sustained basis.

<u>Restrictions</u>: Under Stage 2, the Company may request the customers to voluntarily employ water conservation measures to reduce water consumption by approximately 50 percent. Outside watering should be limited to essential water, dividing outside watering on some uniform basis (such as even and odd days) and eliminating outside watering on weekends and holidays.

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REVISED: June 30, 2004

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Utility: Water	Tariff Sheet No.:	2 of 4
Docket No.: W-03443-A	Decision No.:	
Phone No.: 928-237-6128	Effective:	5.13.06

<u>Notice Requirements</u>: Under Stage 2, the Company is required to notify customers by delivering written notice door to door at each service address, or by United States first class mail to the billing address or, at the Company's option, both. Such notice shall notify the customers of the general nature of the problem and the need to conserve water.

#### Stage 3 Exists When:

- a. Company's total water storage or well production has been less than 50 percent of capacity for at least 24 consecutive hours, and
- b. Company has identified issues such as a steadily declining water table, increased draw down threatening pump operations, or poor water production, creating a reasonable belief the Company will be unable to meet anticipated water demand on a sustained basis.

<u>Restrictions</u>: Under Stage 3, Company shall request the customers to voluntarily employ water conservation measures to reduce daily consumption by approximately 50 percent. All outside watering should be eliminated, except livestock, and indoor water conservation techniques should be employed whenever possible. Standpipe service shall be suspended.

#### Notice Requirements:

- 1. Company is required to notify customers by delivering written notice to each service address, or by United States first class mail to the billing address or, at the Company's option, both. Such Notice shall notify the customers of the general nature of the problem and the need to conserve water.
- 2. Beginning with Stage 3, Company shall post at least \_\_\_\_\_ signs showing the curtailment stage. Signs shall be posted at noticeable locations, like at the well sites and at the entrance to major subdivisions served by the Company.
- 3. Company shall notify the Consumer Services Section of the Utilities Division of the Corporation Commission at least 12 hours prior to entering Stage 3.

Once Stage 3 has been reached, the Company must begin to augment the supply of water by either hauling or through an emergency interconnect with an approved water supply in an attempt to maintain the curtailment at a level no higher than Stage 3 until a permanent solution has been implemented.

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Utility: Willer	Tariff Sheet No.:	3 of 4
Utility: VVICV Docket No.: WO3443-A	Decision No.:	
Phone No.: 928-237-6128	Effective:	5.B.06

#### **Stage 4 Exists When:**

- a. Company's total water storage or well production has been less than 25 percent of capacity for at least 12 consecutive hours, and
- b. Company has identified issues such as a steadily declining water table, increased draw down threatening pump operations, or poor water production, creating a reasonable belief the Company will be unable to meet anticipated water demand on a sustained basis.

<u>Restrictions</u>: Under Stage 4, Company shall inform the customers of a **mandatory** restriction to employ water conservation measures to reduce daily consumption. Failure to comply will result in customer disconnection. The following uses of water shall be prohibited:

- Irrigation of outdoor lawns, trees, shrubs, or any plant life is prohibited
- Washing of any vehicle is prohibited
- The use of water for dust control or any outdoor cleaning uses is prohibited
- ♦ The use of drip or misting systems of any kind is prohibited
- ♦ The filling of any swimming pool, spas, fountains or ornamental pools is prohibited
- ♦ The use of construction water is prohibited
- Restaurant patrons shall be served water only upon request
- ♦ Any other water intensive activity is prohibited

The Company's operation of its standpipe service is prohibited. The addition of new service lines and meter installations is prohibited.

## Notice Requirements:

- 1. Company is required to notify customers by delivering written notice to each service address, or by United States first class mail to the billing address or, at the Company's option, both. Such notice shall notify the customers of the general nature of the problem and the need to conserve water.
- 2. Company shall post at least \_\_\_\_\_ signs showing curtailment stage. Signs shall be posted at noticeable locations, like at the well sites and at the entrance to major subdivisions served by the Company.
- 3. Company shall notify the Consumer Services Section of the Utilities Division of the Corporation Commission at least 12 hours prior to entering Stage 4.

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REVISED: June 30, 2004

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Customers who fail to comply with the above restrictions will be given a written notice to end all outdoor use. Failure to comply within two (2) working days of receipt of the notice will result in temporary loss of service until an agreement can be made to end unauthorized use of outdoor water. To restore service, the customer shall be required to pay all authorized reconnection fees. If a customer believes he/she has been disconnected in error, the customer may contact the Commission's Consumer Services Section at 1-800-222-7000 to initiate an investigation

Once Stage 4 has been reached, the Company must augment the supply of water by hauling or through an emergency interconnect from an approved supply or must otherwise provide emergency drinking water for its customers until a permanent solution has been implemented.